Claims

A method of making seed capsules by an agglomeration operation comprising wrapping a nucleus/seed in layers of fine particles by:

agitating and tumbling said seeds with material fines in an apparatus for agglomeration.

- 2. The method of claim wherein prior to agitation and tumbling said seed is sprayed with a binding agent to ensure proper agglomeration.
- 3. The method of claim 1 wherein said agreeting and tumbling overcomes the natural tendencies of said material fines to bind to one another.
- 4. The method of claim (1) wherein said apparatus is selected from the group consisting of a pan pelletizer, a disk pelletizer or a balling disk.
- 5. The method of claim (1) wherein said apparatus is a paddle mixer.
- 6. The method of claim[1] wherein said apparatus is a rotary drum agglomerator.
- 7. The method of claim 1 wherein said apparatus is a horizontal pan.
- 8. The method of claim[1] wherein said apparatus is powder blenders.
- 9. The method of claim[1] wherein said apparatus is a flow-jet mixer.
- 10. The method of claim I wherein said apparatus is a planetary mixer.
- 11. The method of claim [1] wherein said apparatus is a cone mixer.
- 12. The method of claim [] wherein said apparatus is a ribbon mixer.
- 13. The method of claim 11 wherein said apparatus is a pin type mixer.
- 14. The method of claim \(\overline{1}\) wherein said apparatus is a vertical mixer.
- 15. The method of claim wherein said apparatus is a pin mixer.
- 16. The method of claim wherein said apparatus is a cone pelletizer.

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- 17. The method of claim(1) wherein said apparatus is a fluidized bed.
- 18. The method of claim wherein said method comprises wrapping more than one nucleus/seed in layers of fine particles.
- 19. (New) A method of Making Seed CApsüles un a single apparatus by a tumbing/asitation asslomenation operation Comprising:

 Preconditioning Sata seed with abinding Agent While tembling Said seed;

 Conditioning Sata seeds by tumbing Said seed in a bed of Fine Particulate to create/ayers of matter about Said seed.
- 20. (new) The method of Claim 19 Wherein Stard preconditioning Comprises Spraying a Precoated Material on Said Seed and subsequently driving off any binding agent used to Apply Said Particulate layers on Said Seed.
- 21. (new) The method OF claim 19 Wherein Said Seeds are fed. Continuously into said apparatus.
- 22. (new) the method OF claim 19 Wherein said preconditioning and condutioning Steps are repeated to add Additional Payers to Said Seed.



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- 4. The method of claim 19 wherein said apparatus is selected from the group consisting of a pan pelletizer, a disk pelletizer or a balling disk.
- 5. The method of claim 19 wherein said apparatus is a paddle mixer.
- 6. The method of claim 19 wherein said apparatus is a rotary drum agglomerator.
- 7. The method of claim 19 wherein said apparatus is a horizontal pan.
- 8. The method of claim 19 wherein said apparatus is powder blenders.
- 9. The method of claim 19 wherein said apparatus is a flow-jet mixer.
- 10. The method of claim 19 wherein said apparatus is a planetary mixer.
- 11. The method of claim 19 wherein said apparatus is a cone mixer.
- 12. The method of claim 19 wherein said apparatus is a ribbon mixer.
- 13. The method of claim 19 wherein said apparatus is a pin type mixer.
- 14. The method of claim 19 wherein said apparatus is a vertical mixer.
- 15. The method of claim 19 wherein said apparatus is a pin mixer.
- 16. The method of claim 19 wherein said apparatus is a cone pelletizer.
- 17. The method of claim 19 wherein said apparatus is a fluidized bed.
- 18. The method of claim 19 wherein said method comprises wrapping more than one nucleus/seed in layers of fine particles.
- 19. A method of making seed capsules in a single apparatus by a tumbling/agitation agglomeration operation comprising:

preconditioning said seed with a binding agent while tumbling said seed; conditioning said seeds by tumbling said seed in a bed of fine particulate to create layers of matter about said seed.

- 20. The method of claim 19 wherein said preconditioning comprises spraying a precoated material on said seed and subsequently driving off any binding agent used to apply said particulate layers on said seed.
- 21. The method of claim 19 wherein said seeds are feed continuously into said apparatus.
- 22. The method of claim 19 wherein said preconditioning and conditioning steps are repeated to add additional layers to said seed.